

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-14-24
Relating to Certification of New Motor Vehicles

TOYOTA MOTOR COMPANY, LTD.

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Toyota Motor Company, Ltd. exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
4M	156.4	Air Injection Exhaust Gas Recirculation Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
4M	0.18	3.5	1.1

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

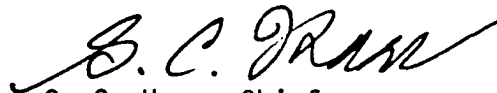
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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 22 day of September, 1978.

A handwritten signature in dark ink, appearing to read "G. C. Hass", written in a cursive style.

G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Engine Family 4M Engine (CID) 156.4

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance

EI-Electronic Ignition

ESAC

VA-Vacuum Advance

VR-Vacuum Retard

Fuel System

EFI, MFI

nV-nVenturi Carburetor

VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection

CCAV-Comb. Chamber Air Valve

EFI-Electronic Fuel Injection

EGR-Exhaust Gas Recirculation

EM-Engine Modification

ESAC-Electronic Spark Advance
Control

MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst

PAI-Pulse Air Injection

TC-Turbo Charged

TR-Thermal Reactor

TWC-Three Way Catalyst
(Feedback Control)

WOC-Warm-up Oxidation
Catalyst

Engine Code

CAD-NX

CAS-NX

Model

Cressida sedan

Cressida station wagon

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E.O. #A 14- 24



Passenger Cars



Light-Duty Trucks



Medium-Duty Vehicles

Manufacturer Toyota Motor Company, Ltd.Page 2Engine Family 4MEngine (CID) 156.4

Engine

Code

Emission Control System AI, EGR, CCo

+ 10% (A/C)

Yes X No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. CA,VA,EI Distributor Part No.	Fuel System 2V Carburetor Part No.	EGR Valve Part No.	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
CAS-NX CAD-NX	Cressida	4A	3000	19100-45150	21100-45280	25620-45120	1) 8° BTDC @ 900 rpm with hose from gas filter to distributor disconnected and its end sealed. 2) Lean drop method. 3) 750 rpm in neutral

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

Date of Issue -